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Bacteria & Viruses

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|  |  |  |  |  |  |  | 4C |  |  |  |  |  T |  |  |  | 5C |  A |  P |  S |  U |  L |  E |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  E |  | 6P |  |  |  R |  |  |  |  |  |  |  |  |  |  I |  | 7B |  | 8B |  |  |  |
|  |  |  |  |  |  |  |  M |  |  R |  |  |  O |  |  |  |  |  |  |  | 9A |  R |  C |  H |  A |  E |  A |  |  |  |
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|  |  |  | 11C |  O | 12N |  J |  U |  G |  A |  T |  I |  O |  N |  | 13L |  Y |  T |  I |  C |  C |  Y |  C |  L |  E |  |  E |  |  |  |
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|  |  |  |  |  |  C |  |  O |  |  Y |  |  |  H |  | 14E |  N |  D |  O |  S | 15P |  O |  R |  E |  |  I |  |  I |  |  |  |
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|  |  |  |  |  |  E |  |  R |  |  T |  |  |  |  |  |  | 16P |  I |  L |  I |  U |  S |  |  |  |  |  P |  |  |  |
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|  |  |  |  |  | 20B |  I |  N |  A |  R |  Y |  F |  I |  S |  S |  I |  O |  N |  |  |  |  |  |  |  |  |  |  |  |  |
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| --- | --- |
| **Across****2.** Photosynthetic but still get organic compounds for carbon **5.** Causes bacteria**9.** Can live in extreme conditions **11.** Formation or existence of a link or connection between things **13.** Results in the destruction of the infected cell and it's membrane **14.** Resist harsh conditions **16.** Submicrophic, hairlike structure that are made of proteins **19.** Permanent change in the DNA nitrogen base code **20.** Division of a cell  | **Down****1.** Viral DNA Inserts, or integrates, into a chromosome in a host cell **3.** An organism deriving it's nutritional requirements from complex organic substances **4.** Makes organic carbon molecules using energy from chemical reactions **6.** Lacks a nucleus **7.** Belongs to domain bacteria **8.** Viruses that infect bacteria **10.** Has RNA instead of DNA for their genetic material **12.** Cicular chromosome in an area of the cell **15.** Protein infectious particles **17.** Outer protein coat of a virus **18.** Nonliving strand of genetic material within a protein coat  |